

BLIND REHABILITATION RELEASE NOTES



Version 5.0.26.8 May 2006

Department of Veterans Affairs VistA Health System Design & Development

Revision History

Date	Description	Author
03/24/2005	Draft I	Marge Norris/Bud Gunn
04/06/2005	Deleted File section and sent RN Draft to Bud	Marge Norris/Bud Gunn
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05/2006	Final Revisions	Connie Bernier/Rich Fischer

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Introduction

The Blind Rehabilitation application provides enhanced tracking, and reporting, of the blind rehabilitation services provided to veterans by:

- Visual Impairment Service Teams (VIST)Coordinators
- Blind Rehabilitation Centers (BRCs)
- Blind Rehabilitation Outpatient Specialists (BROS)
- Visual Impairment Services Outpatient Rehabilitation (VISOR) Programs
- Visual Impairment Center to Optimize Remaining Sight (VICTORS)

Currently, there is no VistA software that meets the needs of the Blind Rehabilitation Centers or BROS and the VIST 4.0 package only monitors, tracks, and reports on a limited amount of data for the VIST.

The site-based VIST 4.0 package is being replaced with the re-hosted Blind Rehabilitation (BR) Version 5.0 application supporting the HealtheVet-VistA enterprise architecture. In addition to providing the base functionality of the BR 4.0 system, BR 5.0 provides a web-enabled GUI through which users can access enhanced capabilities intended for VIST Coordinators, new functionality for BROS, BRC personnel and waiting times and waiting list.

The Blind Rehabilitation 5.0 application provides entirely new functionality that encompasses and integrates all five segments of the Blind Rehabilitation Services including waiting times and waiting list.

Benefits

- Complies with HealtheVet-VistA Architecture
- Complies with 508 regulations, using W3C standards
- Accessible web based application, via a web browser
- Supports the OI Single Sign-on initiative
- User authentication via role based permissions
- User friendly
- Seamless continuum of care
- Minimum user disruption
- Simplified data entry
- Better identification and treatment of veterans
- Consolidates data
- Enables system driven waiting times and waiting list tracking and reporting capabilities
- Enables users to receive comprehensive views of a patient's BR Services across institutions
- Facilitates data tracking and auditing capabilities
- Improves accountability
- Enhanced reporting features
- Provides Data Standardization which improves and provides consolidated data reporting
- Improved blind services tracking
- Enables Research and Provides Outcomes tracking and reporting capabilities
- Improves VHA organizational communication
- Transmits to the Health Data Repository

Enhanced Technology

- A single consolidated database and application will replace the current site-specific VIST 4.0 package
- Fulfills the congressional mandate on waiting times and waiting list calculations
- Electronic referral process to track patient applications for service
- Notifications feature to alert users of pending referrals
- Nationwide centralization of Blind Rehabilitation services data to allow nationwide reporting
- Ad-hoc reporting capabilities
- Secure Web Access (128 Bit SSL) from any authorized VA workstation
- Improved technology using web browser access and improved data security, via the VHA intranet
- Uses modern system architecture which allows for faster system enhancements
- Enhancements will be rolled out to all users at the same time ensuring consistent data
- Allows ability to track BR patient care access across institutions
- Patients can be referred to other institutions if they move without having to recreate patient data
- Patient lookup using the Healthe Vet-VistA
- Person Lookup Service (PSL) and Person Service Demographics (PSD)
- Standardized lookup tables using the HealtheVet-VistA Standard Data Service (SDS)
- Improved data integrity
- Minimize the maintenance and support required by IT support staff

External Interfaces

	Screen	Data Elements	Interface Via	Description
1	Patient Lookup	ICN PATIENT_NAME PATIENT_ADDRESS PATIENT_CITY PATIENT_STATE PATIENT_ZIP PATIENT_HOME_PHONE PATIENT_BIRTH_DATE	VistALink	Provides a uniform patient lookup using VA standards
2	Enter Blind Rehab Staff	DFN PERSON_NAME	VistALink	This uses an RPC to get user data from the VistA site and is used for adding users to the system
2	Enter Blind Rehab Staff – Alternative 2	VPID (VA Person Id) PERSON_NAME	Person Service	Covers access to Person Identifying data in the VistA 200File. (Providers, Employees, IT Users
3	Single Sign On	VPID/ICN PERSON_NAME	KAAJEE	Single Sign On provides a service to allow the user to sign in once
5	PCE Problem List	DFN PROBLEM_LIST	Problem List DBIA446	Used to display the patients Problems List
6	Registration Screen	PRIMARY_ELIGIBILITY	Patient file (#2.361) DBIA3789	From Registration, Patient file #2

VistA Software Requirements

Before the installation of Blind Rehabilitation 5.0, the following packages must be installed and fully patched.

Software	Version	Required Patches
Kernel	V. 8	XU*8*238
		XU*8*265
		XU*8*284
		XU*8*309
		XU*8*337
		XU*8*361
		XU*8*325
		XU*8*343
		XU*8*329 (Kernel
		Authentication &
		Authorization for J2EE
		Weblogic)
** 15 11	** = 0	
Kernel Toolkit	V. 7.3	XT*7.3*89
		XT*7.3*67
VA FileMan	V. 22	
VistALink	V. 1.5 (XOBU 1.5)	
RPC Broker	V. 1.1	
TIU	V. 1.0	
OERR	V. 3.0	
Registration	V. 5.3	DG*5.3*538 (Person Service
		Lookup)
		DG*5.3*615 (Person Service
		Lookup)
		DG*5.3*620 (Person Service
		Lookup)
		DG*5.3*557 (Patient
		Services)

Recommended Users

The intended audience for Blind Rehabilitation 5.0 includes:

- Information Resource Management Systems (IRMS)
- Local Coordinators
- Visual Impairment Service Team (VIST) Coordinators
- Blind Rehabilitation Outpatient Specialist (BROS)
- Blind Rehabilitation Center Staff (BRC)

Related Manuals

- Blind Rehabilitation Centralized Server Installation/Implementation Guide
- Blind Rehabilitation VistA Installation/Implementation Guide
- Blind Rehabilitation Technical Manual/Security Guide
- Blind Rehabilitation User Manual
- Online Help is available from within the application

Software Retrieval

The Blind Rehabilitation Application server software is not available for field download. The server software is intended to be installed only in the production domain or testing domains by system administrators. The software will be provided to the appropriate installation personnel by the Blind Rehabilitation project team.

Documentation Retrieval

You can find documentation files for Blind Rehabilitation on the OI Field Office [ANONYMOUS.SOFTWARE] directories. You are encouraged to use the TCP/IP FTP utility to obtain the documentation from one of the following OI Field Office ANONYMOUS.SOFTWARE directories.

OI Field Office	FTP Address
Albany	ftp.fo-albany.med.va.gov
Hines	ftp.fo-hines.med.va.gov
Salt Lake City	ftp.fo-slc.med.va.gov
VistA Download Site	download.vista.med.va.gov

File Name	Description	Retrieval Format
ANRV5_0CIG.PDF	* Blind Rehabilitation Centralized Server Installation/Implementation Guide	Binary
ANRV5_0VIG.PDF	** Blind Rehabilitation VistA Installation/Implementation Guide	Binary
ANRV5_0RN.PDF	Blind Rehabilitation Release Notes	Binary
ANRV5_0TM.PDF	Blind Rehabilitation Technical Manual/Security Guide	Binary
ANRV5_0UM.PDF	Blind Rehabilitation User Manual	Binary

^{*} This Installation Guide is only for Centralized Servers, not to be used at the field VistA site.

VistA Intranet

Documentation for this product is available on the intranet at the following address:

http://www.va.gov/vdl/.

This address takes you to the VistA Documentation Library (VDL), which has a listing of all the clinical software manuals. Click on the Visit Impairment Service Team (VIST) link and it will take you to the Blind Rehab documentation.

The link below allows access to the Blind Rehabilitation home page:

http://vista.med.va.gov/clinicalspecialties/vist/index.htm

^{**} This Installation/Implementation Guide is for field VistA sites.

Defect List

The Defect list includes the ClearQuest ID, Severity, Priority, State, Headline, and Description. It also includes the Impact, Work-Around, and Comments.

Defect ID	Severity	Priority	State	Headline	Description	Impact	Workaround	Comments
BR_U00001022	2-Major	2-Give High Attention	Resolved	(TL) Referral search performance problem at login	Performance of referral searches during at least 10 concurrent logins with referral auto-search turned causes serious system performance degradation. Report by Bay Pines Test Lab on 03/10/2006.	Not likely to occur. When it does, the user will encounter a delay in the display of the first page.	None.	Fixed in next release (BR 5.0.27.1)
BR_U00000949	2-Major	3-Normal Queue	Postponed	(KAAJEE) Login screen - typing Enter after entering AV codes should perform Login, not Reset	On the Login screen, typing Enter after entering AV codes should perform Login, not Reset. This is very frustrating, since it forces you to re-enter the AV codes. You must also then either press the login button (further down the page) or tab 4 times and press enter.	The users may encounter this on every login. It will force them to re-enter their AV codes. Users may think their AV codes are no longer valid.	Don't type Enter immediately after entering AV Codes. Either click the Login button with the mouse, or Tab 4 times and then use the Enter key.	This is fixed in KAAJEE. We need to get a new build from the KAAJEE team. This build has not currently been created.

Defect ID	Severity	Priority	State	Headline	Description	<i>Impact</i>	Workaround	Comments
BR_U00000821	3-Average	2-Give High Attention	Resolved	From 427 - Control Referral Notifications by Role and To Institution	Part of this defect was resolved. The Referral notifications will be sent to the appropriate institution. However, the users want the notifications to be based on Role (VIST, BROS, or BRC) so the user does not to have to view all Pending Referrals that are not related to their specific Service Area (VIST,BROS or BRC). This defect is being opened to track the second part of the original defect #427 that requested both Role and Institution be used for display criteria.	Users will see all referrals to their site, including those for other roles.	Users will have to look through all referrals to their institution, regardless of role.	Fixed in next release (BR 5.0.27.1)
BR_U00000871	3-Average	2-Give High Attention	Resolved	Modify Treatment Plan - change Default Institution label to Current Logged In Institution	Change the Default Institution label to Current Logged In Institution	None.	The "Default Institution" is really the "Current Logged In Institution"	Fixed in next release (BR 5.0.27.1)

Defect ID	Severity	Priority	State	Headline	Description	Impact	Workaround	Comments
BR_U00000950	3-Average	2-Give High Attention	Resolved	Eye Exam - wrong character used in Status (Primary) field	On the Eye Exams - Eligibility page, the wrong character is used in a list item for the field "Legal Blindness/Visual Impairment Status (Primary)". The character that is shown is the upsidedown question mark. I believe this should the unit for "foot" (i.e. 12 inches). I would suggest using "ft." instead of the single-quote < '>. Note: I had to replace the character with a "?" since CQ would not allow it to save. <option value="1226">Field < or = 5 degrees or HM at < or = 10? or count fingers < 3? or < 20/1000</option>	The symbol for the measurement of feet is displayed incorrectly as an upside down question mark.	Treat the upside-down question mark as a foot symbol. For example: $10\xi = 10$ feet.	Fixed in next release (BR 5.0.27.1)

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Defect ID	Severity	Priority	State	Headline	Description	<i>Impact</i>	Workaround	Comments
BR_U00001021	3-Average	2-Give High Attention	Resolved	(Beta - Hines) BR Search Error Message & Does Not Find Patients	Users reported problems with the BR Search not locating 1. The BR software doesn't accept spaces when looking up a name so the patient Mc Vistpatient would give an error "Last Name Cannot Contain Numbers". 2. Also there is another item regarding the BR pt lookup where users put the first initial of the last name and then last 4 of SSN, users in VistA are used to putting the initial and last 4 together currently they have to put a initial in the first box and the last 4 in the second.3. The BR software provides an error message when a name is entered with an apostrophe "O'Vistpatient". The system need to conduct the search.	Cannot search for patients whose lastname contains a space.	To find patients with embedded spaces in their lastname you must search with the lastname initial and last 4 of SSN.	Fixed in next release (BR 5.0.27.1)

Defect ID	Severity	Priority	State	Headline	Description	Impact	Workaround	Comments
BR_U00000946	3-Average	3-Normal Queue	Resolved	BR_Staff search - Pressing Enter after entering name should begin search	When performing a BR_Staff search (from the Administrator menu), pressing "Enter" after selecting the Institution and entering the Lookup User (Lastname, Firstname) should begin the search. Instead it just refreshes the page. It will only begin the search when the Submit button is pressed. It should begin the search on both pressing "Enter" and selecting the Submit button.	None.	User must either click with mouse or move focus (Tab) then hit Enter.	Fixed in next release (BR 5.0.27.1)
BR_U00000961	3-Average	3-Normal Queue	Resolved	Print Labels - not sorting by selected Label Sort Order (Last Name, City, County, State)	The Print Labels crystal report is not sorting according to the selected Label Sort Order. Regardless of the Sort Order that is selected, the patients are always listed in the same order on the label sheet. Question: Why is Zip Code not a sortable option? This is probably the most important when it comes to doing bulk mailing, as it is required to get the discounted postage.	The labels will not be sorted.	None.	Fixed in next release (BR 5.0.27.1)

Defect ID	Severity	Priority	State	Headline	Description	Impact	Workaround	Comments
BR_U00000970	3-Average	3-Normal Queue	Resolved	BR Staff user search - should allow for lastname length of 2 characters	The BR Staff user search requires that 3 characters be entered for the lastname search. There are several common last names that only have 2 characters (i.e. Ho, Yu, Xu, Xi, Yi). The lastname minimum character requirement should be changed to 2 characters.	Staff user search is only used by application admins.	None.	Users do not have access to this menu item.
BR_U00000971	3-Average	3-Normal Queue	Assigned	BR Staff user search - entering 3 spaces for name returns a match	In the BR Staff user search, I entered 3 spaces for the lastname and a match was found (Cheyenne, SQA Test Domain). The user was "DHFUXGG, TLAADH L". I don't know why this was found to be a match. The search should check that valid characters where entered (a space should be allowed, but only with characters on either side: i.e. De La Hoya).	Staff user search is only used by application admins.	None.	Users do not have access to this menu item.

Defect ID	Severity	Priority	State	Headline	Description	Impact	Workaround	Comments
BR_U00000989	3-Average	3-Normal Queue	Assigned	(TL 136) Annual Outcome Survey - Required field not functioning	From the Bay Pines Test Lab: The field 'Is this due to patients visual ability?' is labeled as "Required only if Independence = A great deal of assistance or A little assistance and Importance is Yes". When I choose the values 'Is Important' and 'A great deal of assistance' for the 'Do you feel self- administer' and 'Are you able to self-administer' fields, and leave this field(Is this due to patients visual ability?) blank, the application allows me to move to the next page and there is no warning message. I think if the field is labeled Required then it should not accept blank. Is it functioning normally?	A field that is labeled mandatory is allowing blank values.	None.	None.
BR_U00000991	3-Average	3-Normal Queue	Resolved	(TL 111) Cannot search for BR Patient when name contains a hyphen	From the Bay Pines Test Lab: Cannot search for BR Patient when name contains a hyphen Tim Nichols had noticed that BR Patient searches were not allowed for	Patient search will not match if lastname contains a hyphen.	Must enter lastname initial and last 4 of SSN to find patient.	Fixed in next release (BR 5.0.27.1)

Defect ID	Severity	Priority	State	Headline	Description	Impact	Workaround	Comments
					patients that had a hyphen in their name. For example we have a patient named "mjyhha-hlbdyt". If I search for "mjyhha-hlbdyt" I get a message stating the search must contain at least 2 valid characters.			
					I also tried searching for just "mjy" or "mjyhha". I went through the list of results expecting to see "mjyhha-hlbdyt" but did not.			
					So it seems that there is no way to retrieve the patient record when there is a hyphen in the patient's name.			
					1. Click on the BR Patient link			
					2. Enter "mjyhha-hlbdyt" and search 3. A warning dialog is shown stating "2 valid characters must be used"			
					4. Search for just "myjhha"			
					5. The list of results doesn't contain "mjyhha-hlbdyt"			

Defect ID	Severity	Priority	State	Headline	Description	Impact	Workaround	Comments
BR_U00000997	3-Average	3-Normal Queue	Resolved	(Beta) Change behavior of return to the referral list button to match its label	From viewing (edit) a referral from Modify a Referral by Patient, the Return to Referral list button goes to a list of referrals with none found. Change behavior of return to the referral list button to match its label, so that it goes back to the previous search list (to be the same as the Modify Referral button of the same name.	Button does not go to previous list.	Search again with the same criteria.	Fixed in next release (BR 5.0.27.1)
BR_U00001000	3-Average	3-Normal Queue	Resolved	(Beta) Improve Error Message for Labels & Letters - Load from Roster Error	The system has a parameter which is a record limiter on query results. It is probably set to 2000 rows. Cheyenne has more that 2000 patients in its roster, so the "Load from Roster" function fails for Cheyenne. We need to change the error message to something like "Search has returned more records than the maximum allowed of 2000", but the error condition is valid. The defect should state something about improving the error message.	If more than 2000 records are found by a search, an error is given.	None.	Fixed in next release (BR 5.0.27.1)

Defect ID	Severity	Priority	State	Headline	Description	Impact	Workaround	Comments
BR_U00001005	3-Average	3-Normal Queue	Resolved	VIST Roster Summary report - Visual Field total count wrong for NOT APPLICABL E	In the VIST Roster Summary report (and VIST Roster Summary By VISN report), the Totals for Visual Field are wrong if the NOT APPLICABLE field has a count. The view is incorrectly multiplying that count by 10 when adding up the Total. If the value for NOT APPLICABLE is 0, no error is seen. PDF of that page is attached. Raman has seen the output and confirmed the error in the SQL code for the view.	The value displayed for the Visual Field NOT APPLICABL E is 10 times the actual value.	The user should divide the displayed value by 10 to find the correct value.	Fixed in next release (BR 5.0.27.1)
BR_U00001008	3-Average	3-Normal Queue	Resolved	(TL 149) - Leading zeroes on last four digits on SSN being stripped during search.	Searching with First Letter of last name and last 4 digits of SSN, when the last four digits of SSN begin with a zero, the leading zero is stripped and only the last three digits of SSN are used in the search. This can result in more matches. From test Lab: Test Set: Enter/Edit Eye Exam Test: [1]Enter Patient by Last Initial and 4 SSN Run: Run_2-6_8-39-21_with_MPI Step: Step 4	Leading zeros are ignored during search, so patients may be returned that do not match the search criteria.	None.	Fixed in next release (BR 5.0.27.1)

Defect ID	Severity	Priority	State	Headline	Description	Impact	Workaround	Comments
					Description:			
					Verify the expected user is			
					found by the last 4 digits			
					of their SSN and their last initial			
					muai			
					Verify that all matching			
					users have the same initial			
					and last 4 digits of their			
					SSN			
					Expected:			
					The system should return			
					patients when the last 4			
					SSN and last initial are			
					used			
					Actual:			
					Enter S in Lastname field			
					and 0630 in Social			
					Security Number field,			
					Patients with SSN 0630			
					and 2630 are listed.			
					Another instance is A with			
					0124. this lists patients			
					with last 4 SSN 8124 and			
					3124 which is not the			
					search criteria.			

Defect ID	Severity	Priority	State	Headline	Description	Impact	Workaround	Comments
BR_U00001016	3-Average	3-Normal Queue	Resolved	VIST Roster Summary Report - Need All VIST Review Statuses Represented	The VIST Annual Review Summary Report needs to accurately reflect the data described. If the Status refers to "Complete", the count should only reflect "Complete" status. The other statuses of: - No Show - Declined - Could Not Contact should also be represented on the VIST Roster Summary Report - VIST Reviews section. This is also associated with Change Request (CR58) that requests that the E/E VIST Annual Review be Updated to automatically default the Location and Type to Not Applicable and make those fields uneditable when a status other than "Complete" is selected.	Some statuses are not included in the report.	None.	Fixed in next release (BR 5.0.27.1)
BR_U00001028	3-Average	3-Normal Queue	Resolved	(Beta-PO) Waiting list Reporting Menu - Page 2 is blank in all reports	The second page of the Waiting list Report is blank in all reports. Please remove the blank page.	None	Ignore the blank page.	Fixed in next release (BR 5.0.27.1)
BR_U00001041	3-Average	3-Normal Queue	Resolved	(Beta) Primary Phone Number in Wrong Place	1. Put Patient's Primary Phone Number in the correct place 2. Pull both Patient's Primary and Secondary	A patient's phone number may not be displayed	The users may have to go into VistA to view the patient's phone numbers.	Fixed in next release (BR 5.0.27.1)

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Defect ID	Severity	Priority	State	Headline	Description	Impact	Workaround	Comments
				on Individual Patient Record	phone numbers	correctly.		
BR_U00001059	3-Average	3-Normal Queue	Assigned	(Beta) Education & In-Service search results not sorted by date	Search Results - results are not sorted. I think it displays the order in which the items were entered, which is not the order in which they occurred.	Results will not be sorted as expected.	None.	None.
BR_U00001060	3-Average	3-Normal Queue	Resolved	(Beta) Individual Referral History - Created By showing Last Modified User Name	Under the Individual Reports Menu, the Referral History Report shows the Last User that modified the referral in the Created by Field. Duplicate: 1. Enter referral as BR User 2. Update referral as VIST User 3. Report shows the VIST User in the Created By Desired Results: 3. Report should show the BR User in the Created By field.	The last user to modify a patient is displayed in the Created By field.	The user should understand that the displayed Created By user may be incorrect.	Fixed in next release (BR 5.0.27.1)

Defect ID	Severity	Priority	State	Headline	Description	Impact	Workaround	Comments
BR_U00000969	3-Average	4-Low Priority	Assigned	(TL 126) BR Staff user search - found count = 1 when no results returned	From the Administrator menu, if a BR Staff user search does not find any matches, the frame title shows that 1 was found: Staff (Users) found - Count: 1 In the results table, the name shows: No results returned, (with the comma). If no results are found, the count should be 0, or better, say "None found" instead of "found - Count: 1". The Bay Pines Test Lab also reported this defect (TL defect # 126)	Staff user search is only used by application admins.	None.	Users do not have access to this menu item.